

PATENT
Attorney Docket No. P06604US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: **KANG, Seogchan, et al.**

For: **A DUAL SELECTION BASED, TARGETED GENE DISRUPTION METHOD FOR FUNGI AND FUNGUS-LIKE ORGANISMS,**

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

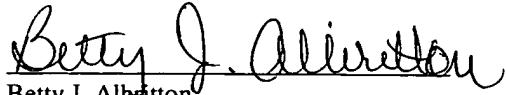
Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. Copies of non-U.S. patents are enclosed. References that are U.S. patents are not required to be submitted. The Examiner is requested to consider the references and make them of record.

Applicants disclose herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

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Betty J. Albritton
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The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	KANG, Seogchan et al.
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	P06604US00

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if ~~concern~~ considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not ~~considered~~. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	
Sheet	2	of	2	Filing Date	
				First Named Inventor	KANG, Seogchan, et al.
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	P06604US00

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	9	Donoho, Greg, et al. "Analysis of Gene Targeting and Intrachromosomal Homologous Recombination Stimulated by Genomic Double-Strand Breaks in Mouse Embryonic Stem Cells" Molecular and Cellular Biology, July 1998, p. 4070-4078			
	10	Gelvin, Stanton B. "Agrobacterium-Mediated Plant Transformation: the Biology behind the "Gene-Jockeying" Tool" Microbiology and Molecular Biology Reviews, March 2003, p. 16-37			
	11	Hellens RP, et al. "pGreen: a versatile and flexible binary Ti vector for Agrobacterium-mediated plant transformation." Abstract Plant Mol. Biol. April 2000			
	12	Krysan, Patrick J., et al. "T-DNA as an Insertional Mutagen in Arabidopsis" Genomics Article, The Plant Cell, Vol. 11, 2283-2290, December 1999			
	13	Piers, Kevin L., et al. "Agrobacterium tumefaciens-mediated transformation of yeast" Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 1613-1618, February 1996 Microbiology			
	14	Pratt, Robert J., et al. "Improving the efficiency of gene replacements in <i>Neurospora crassa</i> : a first step towards a large-scale functional genomics project" Fungal Genetics and Biology 37 (2002) 56-71			
	15	Sullivan, Thomas D., et al. "Agrobacterium tumefaciens Integrates Transfer DNA into Single Chromosomal Sites of Dimorphic Fungi and Yields Homokaryotic Progeny from Multinucleate Yeast" Eukaryotic Cell, Dec. 2002, p. 895-905			
	16	Tzfira, Tzvi et al. "The Agrobacterium-Plant Cell Interaction. Taking Biology Less from a Bug" ^{1,2} Plant Physiology, November 2003, Vol. 133, pp. 943-947			
	17	Van Attikum, Haico et al. "Genetic requirements for the targeted integration of Agrobacterium T-DNA in <i>Saccharomyces cerevisiae</i> " Nucleic Acids Research, 2003, Vol. 31, No. 3, 826-832			
	18	Wei, Li, et al. "Agrobacterium-mediated transformation: state of the art and future prospect" Chinese Science Bulletin, Vol. 45, No. 17, September 2000			

Examiner Signature		Date Considered	
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